

Recombinant Human CSNK1E Protein, GST-tagged

Cat. No. CSNK1E-1995H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CSNK1E full-length ORF (NP_001885.1, 1 a.a. - 416 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	The protein encoded by this gene is a serine/threonine protein kinase and a member of the casein kinase I protein family, whose members have been implicated in the control of cytoplasmic and nuclear processes, including DNA replication and repair. The encoded protein is found in the cytoplasm as a monomer and can phosphorylate a variety of proteins, including itself. This protein has been shown to phosphorylate period, a circadian rhythm protein. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Feb 2014]
Molecular Mass	73.7 kDa
AA Sequence	MELRVGNKYRLGRKIGSGSFGDIYLGANIASGEEVAIKLECVKTKHPQLHIESKFYKM MQGGVGIPSIKWCGAEGDYNVMVMELLGPSLEDLFNFCSRKFSCLKTVLLADQMIS RIEYIHSKNFIHRDVKPDNFLMGLGKKGNLVYIIDFGLAKKYRDARTHQHIPPYRENKNL TGTARYASINTHLGIEQSRRDDLES LGYVLMYFNLGSLPWQGLKAATKRQKYERISE KKMSTPIEVLCKGYPSEFSTYLNFCRSLRFDDKPDYSYLRQLFRNLFHRQGFSYDYV FDWNMLKFGAARNPEDVDRERREHEREERMGQLRGSATRALPPGPPTGATANRL RSAAEPVASTPASRIQPAGNTSPRAISRVDREKRVSMRLHRGAPANVSSSDLTGRQ

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EVSRIPASQTSVPFDHLGK

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

[CSNK1E casein kinase 1, epsilon \[Homo sapiens \]](#)

Official Symbol

[CSNK1E](#)

Synonyms

CSNK1E; casein kinase 1, epsilon; casein kinase I isoform epsilon; CKIE; CKIepsilon;
HCKIE; CKIe; CKI-epsilon; MGC10398;

Gene ID

[1454](#)

mRNA Refseq

[NM_001894](#)

Protein Refseq

[NP_001885](#)

MIM

[600863](#)

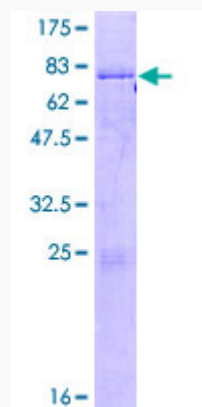
UniProt ID

[P49674](#)

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Quality Control**Testing:**

12.5% SDS-PAGE Stained with Coomassie Blue.

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